ALGAMED INDUSTRY

MEDICAL DEVICES

First Aid

Automatic Ventilator 118

Versatile, simple and economical, it is a ventilator with pneumatic logics control. Its intrinsic properties and its small dimensions make it suitable for any emergency situation: first aid, ambulance, patient transport. It is a time cycled constant volume ventilator, with: - infinitely adjustable respiratory frequency (from 10 to 40 breaths per minute) - infinitely adjustable minute volume (from 3 to 24 l/min) - Oxygen concentration selectable by means of a single action switch between 100% and 55% without change of minute volume - low gas consumption - airway pressure gauge - no electrical supply, the operation is ensured. - with only one fluid source. The non-rebreathing valve is equipped with a special pressure reducing device that makes it adjustable for both adults and children. Small dimensions, sturdy, light-weight, ideal for rescue everywhere and in every circumstance.

Technical Specifications

- Operating mode: Flow chopper
- Control: Volume-time cycle
- Respiration frequency: 10 to 35 min-1 ±20%, infinitely adjustable
- Inspiratory-expiratory phase time I:E 1/1.7 ±10%
- Minute volume (MV): - 2 to 18 l/min ± 15%, infinitely adjustable O2 conc. of breath. gas when driven by O2: - Switch set to “Air Mix” 55% O2 - 80% O2 - Switch set to “No Air Mix” 100% O2
- Safety valve: 50 mbar ±10% mechanical overpr. relief - Airway pressure display Press. gauge -20 to +70 mbar ±2.5% full scale
- Drive gas: O2 or air - Pressure at inlet of unit Min. 2.5 to 6 bar at flow of 60l/min
- Gas consumption: approx. 1.3 l/min
- Pneumatic main switch: I-O
- Dead-space volume: approx. 12 ml.
- Dimensions: 85 x 210 x 225 mm.
- Weight: 2.1 kg.
- Ambient pressure: 600 to 1200 mbar
- Case: Polyethylene high density ABS

Standard Accessories

- Patient circuit (corrugated tubing with non re-breath valve)
- Adult face-mask
- Oxygen tube
- UNI adaptor
- Manual: English, Italian

Automatic Ventilator 170

Automatic ventilator designed for: first aid, ambulances, inter and intra-hospital transfer of critically ill patients. It is a time cycled, pressure limited, electronically controlled ventilator with an intermittent flow pneumatic unit. It provides stable tidal volume and respiratory rate. The wide range of volume and respiratory rates make it suitable for both children and adults. It is equipped with a newly conceived mixer which allows a stable separation between oxygen and ambient air regardless of the ventilation rate and respiratory pressure. An additional valve allows the patient to breathe ambient air when the unit is not operating. The patient circuit is provided with a low resistant valve, it is autoclavable and easy to use; the non-rebreathing valve is equipped with a special pressure reducing device that makes it suitable for both children and adults. Compact, light-weight, easy to regulate thanks to a clear interface, provided with alarms it has no parts in motion: thus it allows patient safety even if used by personnel with limited training.

Technical Specifications

- Drive: Electronic
- Mode: (visual sign) 5-30 BPM
- Flow: 2 to 20 l/min
- I/E Ratio: 1:2
- Oxygen concentration: 60%-100% Patented system
- Mechanical overpressure relief: 15-60 cm H2O - adjustable
- Medical gas supply: 3,5 bar ± 0,5
- Battery operation: Approx. 4 hours
- Audible and visual alarms: Low battery -gas supply
- Other indications displayed: Medical gas supply
- Alarm reset: 30 sec.
- Manometer: -20 +70 c
- H2O
- Vacuum sensor: Switch
- External/Internal source: 12 V DC
- Dimensions: 295 x 160 x 155 mm
- Weight: 4.3 kg

Standard Accessories

- Patient circuit (corrugated tubing with non re-breath valve)
- Power cable
- Oxygen tube
- Adult face-mask
- Battery UNI adaptor
- Manual: English, Italian, French

Kompak Electronic Ventilator

Automatic ventilator designed for: first aid, ambulances, inter and intra-hospital transfer of critically ill patients. It is a time cycled, pressure limited, electronically controlled ventilator with an intermittent flow pneumatic unit. It provides stable tidal volume and respiratory rate. The wide range of volume and respiratory rates make it suitable for both children and adults. It is equipped with a newly conceived mixer which allows a stable separation between oxygen and ambient air regardless of the ventilation rate and respiratory pressure. An additional valve allows the patient to breathe ambient air when the unit is not operating. The patient circuit is provided with a low resistant valve, it is autoclavable and easy to use; the non-rebreathing valve is equipped with a special pressure reducing device that makes it suitable for both children and adults. Compact, light-weight, easy to regulate thanks to a clear interface, provided with alarms it has no parts in motion: thus it allows patient safety even if used by personnel with limited training. Kompak ventilator with transport case. An aluminium and nylon case containing ventilator, oxygen cylinder with pressure regulator ready for use. Made in Italy.

Technical Specifications

- Drive: Electronic
- Mode: (visual sign) 5-30 BPM
- Flow: 2 to 20 l/min
- I/E Ratio: 1:2
- Oxygen concentration: 60%-100% Patented system
- Mechanical overpressure relief: 15-60 cm H2O – adjustable
- Medical gas supply: 3,5 bar ± 0,5
- Battery operation: Approx. 4 hours
- Audible and visual alarms: Low battery -gas supply
- Other indications displayed: Medical gas supply
- Alarm reset: 30 sec.
- Manometer: -20 +70 cm H2O
- Vacuum sensor: Switch
- External/Internal source: 12 V DC
- Dimensions: 455 x 147 x 363 mm
- Weight: 12 kg

Standard Accessories

- Patient circuit (corrugated tubing with non re-breath valve)
- Power cable
- Oxygen tube
- 2 l oxygen cylinder
- Aluminium/nylon case
- Adult face-mask
- Battery
- UNI adaptor
- Pressure reducer
- Manual: English, Italian, French

Oxy-9 Plus Pulse Oximeter

Compact pulse-oxymeter with alarms and rechargeable battery easy to use.

High Performanc

- In low perfusion (0,05~20%)
- In patient moving and electrical interference ±3% SpO2
- White electro surgical unit noise protection

Features

- Memory capacity: 20 days trend memory /10 sec
- Two selectable working modes: spot and continuous
- Audible and visible adjustable alarms.
- Plethymographic waveform display
- Perfusion index bar
- Nellcor compatible probe

Technical Specifications

- Oxygen saturation range: 0% to 100%
- Accuracy (%SpO2):
- ± 2% between 100% to 70%,
- ± 3% between 69% to 50%
- Pulse rate range: 15 bpm to 300 bpm
- Accuracy (pulse): ± 3 bpm of full scale
- Perfusion index: 0.05% to 20%4
- Resolution: 128 x 64 pixels
- Ac adaptor: input 100-240V, 50-60 Hz, 5A
- Battery: 4.8V NiMH, rechargeable
- Battery life: approx 10 hours after 6 hours recharge
- Size: 154 x 72 x 26 mm

Standard Accessories

- SpO2 standard reusable sensor
- Extension cable
- Rechargeable battery
- Recharge transformer

Oxy-50 Handheld Pulse Oximeter

Pocket fingertip pulse oxymeter with colour display for both routine check and continuous monitoring use.

Main Features

- Display: 1.8" colour OLED - resolution: 160 x 128
- Alarm sound, pulse tone
- Power supply: DC3V, <100MA
- Record: data can be recorded up to 24 hours
- Alarm: adjustable high and low limits
- PC software for transferring real time data

Technical Specifications

- Display mode (OLED display)
- Pulse oxygen saturation (SpO2): 2 digit
- Pulse rate (PR): 3 digit
- Pulse intensity: bar-graph
- Pulse rate - Measuring range: 25bpm~250bpm
- Resolution: 1 bpm
- Accuracy: ±2bpm or ±2%
- SpO2 parameter specification
- Measuring range: 0%~100%, (resolution 1%)
- Accuracy: 70%~100%: ±2%
- Average value: Calculate the average value in every 4 measure value Deviation between average value and true value does not exceed 1%
- Safe type: BFType
- Average pulse rate: Moving calculate the average pulse rate every 4 cardio-beat's cycle. Deviation between average value and true value does not exceed 1%
- Pulse intensity
- Range: Continuous bar-graph display, the higher display indicate the stronger pulse
- Battery: dry battery (2AA)
- Oxymeter probe: wavelength: 660nm - 880nm
- Dimension: 110 x 60 x 23 mm
- Weight: about 180g (with dry battery 2AA)

Standard Accessories

- 1 adult probe
- 2 AA batteries
- USB cable
- PC software (English)
- Manual (English, French, Italian)

Oxy-100 Pulse Oximeter

Compact pulse oximeter for hospital and rescue applications to monitor SpO2, pulse rate, and perfusion index(PI). SpO2 can be displayed in numbers with bar-graph of pulse as well as full display of plethysmogam. Includes adult SpO2 sensor and extension cable.

Main Features

- High accuracy and repeatability
- Visual and audible alarm, with adjustable limits
- 70-hours data storage and review (with 1/2/4/8 sec.)
- Automatic power-off

Technical Specifications

- Oxygen saturation range: 0% to 99%
- Pulse rate range: 30bpm to 240bpm
- Perfusion index (PI) range: 0.2% to 25%
- Display: oxygen saturation, pulse rate, pulse strength,
- Low battery indicator, perfusion index
- SpO2 accuracy: +/- 2% between 99% to 75%
  +/- 3% between 75% to 50%
- below 50% not specified
- Pulse accuracy: +/- 2% of full scale
- Range alarm setting: SpO2 upper limit: 90%
- SpO2 lower limit: 85%
- Pulse rate upper limit 120 bpm
- Pulse rate lower limit 50 bpm
- Power requirements: 3 alkaline AA size batteries 3.6 V - 5.0 V
- Continuous working time >30 hours
- Dimensions: 145 x 74 x 29 mm
- Weight: 210 g
- Warranty: 1 year (SpO2 sensor 6 months)

Nonin Palm Sat 2500A Pulse Oximeter

A compact versatile and reliable pulse oximeter designed and tested to exceed all durability requirements.

Main features

- PureSat® technology offers accuracy & speed in getting a reading, even with varying skin pigmentations or polish and is able to monitor, with declared accuracy in challenging conditions, such as motion & low perfusion, for all patients.
- It is tested to assure performance in challenging conditions, such as drop and liquid ingress (IPX2). Granted by US Army/Air Force Aeromedical certification
- Audible and visual alarms
- 72 hours memory
- Longest alkaline battery life: 60 hours
- Supplied with Multilanguage CD-Rom manual: GB, FR, IT, DE, ES.

Technical Specifications

- SpO2 range: 0% to 100% ±2 (70-100% without movement)
- Pulse rate range: 18 to 321 bpm ±3 (18-300% without movement)
- Power: 4AA alkaline batteries 1.5 V (for 60 hours use)
- Size: 7 x 13.8 x 3.2 cm
- Weight: 213 g
- Bright LED display of SpO2 and pulse rate
- Tricolour signal quality indicator
- Blinking alarm silence indicator
- Low battery indicator
- Rugged rubberized case with IPX 2 level of liquid ingress protection
- Easy 2 button operation
- Audible and visible alarms

COMDEK MD-630 Pulse Oximeter

Small, light-weight pulse oximeter with high accuracy and reliable performance:
- Adjustable SpO2 and pulse alarm settings (only 34290-34291)
- Quick assessment of oxygen saturation and pulse rate
- Hand-held unit, easy to operate
- With SpO2 and pulse rate display

COMDEK MD-630 Pulse Oximeter with its built-in thermal printer allows immediate data printing. Moreover it provides 30 minutes memory, tone functions and adjustable volume. Safe, fast and convenient it becomes the essential and most important equipment in first aid, ICU and anaesthesiology system.

Technical Specifications

- Oxygen saturation range: 0% to 100%
- Pulse rate range: 30bpm to 250bpm
- Display: oxygen saturation, pulse rate, a pulse search indicator, low battery indicator
- SpO2 accuracy: +/- 2% between 100% to 80%
  +/- 3% between 79% to 65%
  below 65% not specified
- Pulse accuracy: +/- 1% of full scale Range alarm setting: SpO2 upper limit: 100%
  SpO2 lower limit: 50%
  Pulse rate upper limit 150 bpm
  Pulse rate lower limit 30 bpm
- Power requirements: DC 6 volts by 4 alkaline AA size batteries
  AC adapter output DC 6 Volts, 600 mA
- Dimensions: 170 x 88 x 44 mm
- Weight: 300 g
- Warranty: 1 years (SpO2 sensor 6 months)
- Conform to 89/336/EEC, 93/42/EEC - 0434

Standard Accessories

- 1 AC/DC Adaptor
- 4 AA Batteries
- 1 Carrying bag
- 1 SpO2 standard sensor
- User manual (English, Italian, French, Spanish)

BPM-200 Pulse Oximeter

BPM-200 Pulse Oximeter with monitor, printer output and installed battery.

The portable BPM-200 is an electronic pulse oximeter for measuring oxygen saturation of arterial blood and pulse rate of patient. Plethysmographic waveform display up to 12 hours of patient trends. Finger adult probe is included.

Technical Specifications

- Power supply: 100-240 V, 50/60 Hz
- Battery pack: lead acid battery pack (12 Volt)
- Range: saturation 35-100% ; pulse rate: 30-250 bpm
- Output for SpO2 and pulse rate
- Size: 75 x 225 x 175 mm - 3.5 kg
- User manual (English, Italian)

Standard Accessories

- 8 language manual (English, French, Italian, German, Spanish, Greek, Portuguese, Arab)

CMS50L Pulse Oximeter

Principle of the CMS50L Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology. The Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Main Features

- Integrated with SpO2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption
- SpO2 value display
- Pulse rate value display, bar graph display
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- Automatically power off function: power off within 5 seconds when finger is taken out of probe

Technical Specifications

- Display Mode: LED display
- SpO2 Measuring Range: 0%～100%, (the resolution is 1%).
- Accuracy: 70%～100%: ±2% ,Below 70% unspecified.
- PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ±2bpm or ±2% (select larger)
- Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of darkroom is less than ±1%.
- Power Consumption: less than 25mA
- Voltage: DC 2.6V~3.6V
- Power Supply:1.5V (AAA size) alkaline batteries × 2
- Battery duration: Minimum operating time is 24 hours, max. 56 hours.
- Safety Type: Interior Battery BF Type
- Dimension: 66(L) × 36(W) × 33(H) mm
- Weight: About 50g (with the batteries)

Standard Accessories

- Hanging band
- User manual

CMS50D Pulse Oximeter

Principle of the CMS50D Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Main Features

- Integrated with SpO2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption
- SpO2 value display
- Pulse rate value display, bar graph display
- Pulse waveform display
- The display mode can be changed
- Screen brightness can be changed
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- Automatically power off function: power off within 5 seconds when finger is taken out of probe
- Display format can be saved after power off

Technical Specification

- Display Mode: 0.96" Dual-colour OLED display(blue and yellow)
- Screen Resolution: 128 x 64
- SpO2 Measuring Range: 0%～100%, (the resolution is 1%).
- Accuracy: 70%～100%: ±2% ,Below 70% unspecified.
- PR Measuring Range ： 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ± 2bpm or ± 2% (select larger)
- Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ± 4%, pulse rate error is ±2 bpm or ± 2% (larger value)
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ± 1%.
- Power Consumption: less than 30mA
- Voltage: DC 2.6V ~ 3.6V
- Power Supply:1.5V (AAA size) alkaline batteries × 2
- Battery working hour: Max. 32 hours
- Safety Type: Interior Battery, BF Type
- Dimension:57(L) × 31(W) × 32(H) mm
- Weight: About 50g (with the batteries)

Standard Accessories

- Hanging band
- User manual

CMS60D Pulse Oximeter

Principle of the CMS60D Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports .

Main Features

- Compact and lightweight
- Simple to use, low energy consumption
- Operation menu for the function setting
- SpO2 value display
- Pulse rate value display, bar graph display, Pulse waveform display
- Screen brightness can be changed
- Pulse rate sound indication
- With review function, clock function and battery capacity indication
- With measured data overruns limits and low-voltage alarm function
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
- Real-time data can be transmitted to computers
- Connected with an external oximeter probe
- Wireless communication function（CMS60DW）

Technical Specification

- Display Mode: 1.8" Colour OLED display
- Screen Resolution: 160 x 128
- SpO2 Measuring Range: 0%～100%, (the resolution is 1%).
- Accuracy: 70%～100%: ± 2% ,Below 70% unspecified.
- PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ±2bpm or ±2% (select larger)
- Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ± 4%, pulse rate error is ±2 bpm or ± 2% (select larger)
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ± 1%.
- Energy Consumption: less than 100mA
- Voltage: DC 2.6V~3.6V
- Power Supply: Dry battery(2AA)
- Battery working hour: max. 44 hours
- Safety Type: Interior Battery, BF Type
- Dimension:110(L) × 60(W) × 23(H) mm
- Weight: About 180g (with Alkaline battery(2AA))

Standard Accessories

- User manual
- Data cable
- A disk (PC software)
- An oximeter probe

CMS50H Pulse Oximeter

Principle of the CMS50H Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger.The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Main Features

- Integrated with SpO2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption
- Operation menu for the function setting
- SpO2 value display
- Pulse rate value display, bar graph display, Pulse waveform display
- Perfusion Index value display
- With direction sensor, the display direction can be changed by automatic or manual mode
- Screen brightness can be changed
- Pulse rate sound indication, battery capacity indication
- With measured data overrun limits and low-voltage alarm function the upper/down alarm range can changed
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- With SpO2 value and pulse rate value of storage, the storage data can be uploaded to computers
- Real-time data can be transmitted to computers
- Automatically power off function: power off within 5 seconds when finger is taken out of probe

Technical Specifications

- Display Mode: 1.3" 65K True colour OLED display
- Screen Resolution: 128*96
- SpO2 Measuring Range: 0%～100%, (the resolution is 1%).
- Accuracy ： 70%～100%: ±2% ,Below 70% unspecified.
- PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ±2bpm or ±2% (select larger)
- Measurement Performance in Weak Filling Condition: SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (select larger).
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ±1%.
- Power Consumption: less than 100mA
- Voltage: DC 3.6V～4.2V
- Power Supply: Voltage 3.7 rechargeable lithium battery × 1
- Battery working hour:20 hours
- Battery working life: Charge and discharge no less than 500 times
- Safety Type: Interior Battery, BF Type
- Dimension:58(L) × 36(W) × 26(H) mm
- Weight: About 45g (with a lithium battery)

Standard Accessories

- User manual
- Data cable
- A disk (PC software)
- An oximeter probe

CMS50QA Pulse Oximeter

Principle of the CMS50QA Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology,the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Main Features

- Integrated with SpO2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption
- SpO2 value display
- Pulse rate value display, bar graph display
- A pulse rate sound indication
- With measured data overruns limits and low-voltage alarm function
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- Automatically power off function: power off within 5 seconds when finger is taken out of probe

Technical Specifications

- Display Mode: Segment LCD display
- SpO2 Measuring Range: 0%～100%, (the resolution is 1%)
- Accuracy: 70%～100%; ±2% ,Below 70% unspecified
- PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ±2bpm or ±2% (select larger)
- Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (larger value)
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ±1%.
- Energy Consumption: less than 50mA
- Voltage: DC 3.6V～4.2V
- Power Supply: Voltage 3.6 rechargeable lithium battery × 1
- Battery working hour: 10 hours
- Battery working life: Charge and discharge no less than 300 times
- Safety Type: Interior Battery, BF Type
- Dimension: 46(L) × 40(W) × 29(H) mm
- Weight: About 35g

Standard Accessories

- Hanging band
- User manual
- One rechargeable lithium battery
- Charge accessories: Power adapter, charger and data cable

CMS50R Pulse Oximeter

Main Features

- Integrated with SpO_2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption
- SpO_2 value display
- Pulse rate value display
- With measured data overruns limits and low-voltage alarm function
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- Automatically power off function: power off within 5 seconds when finger is taken out of probe

Technical Specifications

- Display Mode: segment LCD display
- SpO_2 Measuring Range: 0%～100%, (the resolution is 1%)
- Accuracy: 70%～100%: ± 2% ,Below 70% unspecified
- PR Measuring Range: 30bpm～250bpm, (resolution is 1bpm)
- Accuracy: ± 2bpm or ± 2% (larger value)
- Measurement Performance in Weak Filling Condition: SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ± 4%, pulse rate error is
- ± 2 bpm or ± 2% (larger value)
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ±1%
- Voltage: DC 3.6V～4.2V
- Power Supply: Voltage 3.6 rechargeable lithium battery × 1
- Battery Working Hour: 2 hours
- Battery working life: Charge and discharge no less than 300 times
- Safety Type: Interior Battery, BF Type
- Dimension: 32(L) × 28(W) × 40(H) mm
- Weight: About 14g

Standard Accessories

- User manual
- One rechargeable lithium battery
- Charge accessories: Power adapter, charger and data cable

CMS60F Pulse Oximeter

Principle of the CMS60F Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Major Features

- Compact and lightweight
- Simple to use, low energy consumption
- Operation menu for the function setting
- SpO2 value display
- Pulse rate value display, bar graph display, pulse waveform display
- PI Display
- Screen brightness can be changed
- A pulse rate sound indication
- With measured data overruns limits and low-voltage alarm function, upper/down alarm range can be changed
- Battery capacity indication, clock function and review function
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- With data record function of multiuser, continuous record about 24 hours data for each user, and the record data can be uploaded to computer
- Touch key operation and locking touch key function
- It can be connected with adult, child or infant oximeter probes
- Wireless communication function（CMS60FW）

Technical Specifications

- Display Mode： 2.8" TFT Colour display, Screen Resolution: 320 x 240
- SpO2 Measuring Range: 0%～100 %, (the resolution is 1%).
- Accuracy: 70%～100 %:±2% ,Below 70 % unspecified.
- PR Measuring Range: 30bpm～250bpm, (the resolution is 1bpm)
- Accuracy: ±2bpm or ±2% (select larger)
- Measurement Performance in Weak Filling Condition:SpO2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO2 error is ±4%, pulse rate error is ±2 bpm or ±2% (larger value)
- Resistance to surrounding light: The deviation between the value measured in the condition of artificial light or indoor natural light and that of a dark room is less than ±1%
- Voltage: DC 3.6V～4.2V
- Power Supply: Voltage 3.7 rechargeable lithium battery × 1
- Battery working hour: 8 hours
- Battery working life: Charge and discharge no less than 500 times
- Safety Type: Interior Battery, BF Type
- Dimension:94.25(L) × 55.32(W) × 9.6(H) mm
- Weight: About 80g (with a lithium battery)

Standard Accessories

- User manual
- A power adapter（GTM41076-0605;CMS0105）
- data cable
- PC software
- Oximeter probe

CMS50ED Pulse Oximeter

Principle of the CMS50ED Pulse Oximeter is as follows: Photoelectric Oxyhemoglobin Inspection Technology is adopted in accordance with Capacity Pulse Scanning & Recording Technology, the Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports.

Main Features

- Integrated with SpO_2 probe and processing display module
- Compact and lightweight
- Simple to use, low energy consumption SpO_2 value display
- Pulse rate value display, bar graph display, pulse waveform display
- Display mode and screen brightness can be change
- Low-voltage indication: low-voltage indicator appears before working inaccurate
- Automatically power off function: power off within 5 seconds when finger is taken out of probe
- Display format can be saved after power off

Technical Specifications

- Display Mode：0.96" Dual-colour OLED display(blue and yellow) , Screen Resolution: 128 x *64
- SpO_2 Measuring Range: 0%～100%, (the resolution is 1%)
- Accuracy: 70%～100%：± 2% ,Below 70% unspecified
- PR Measuring Range：30bpm～250bpm, (the resolution is 1bpm)
- Accuracy：± 2bpm or ± 2% (larger value)
- Measurement Performance in Weak Filling Condition: SpO_2 and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO_2 error is ± 4%, pulse rate error is ± 2 bpm or ±2% (larger value)
- Resistance to surrounding light: The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ±1%.
- Power Consumption: less than 30mA
- Voltage: DC 3.6V~4.2V
- Power Supply: Voltage 3.7 rechargeable lithium battery × 1
- Battery working hour: Theoretical number is 20 hours.
- Battery working life: Charge and discharge no less than 300 times.
- Safety Type: Interior Battery, BF Type
- Dimension:57mm (L) × 32mm(W) × 30mm(H)
- Weight: About 50g (with a lithium battery)

Standard Accessories

- A hanging rope
- User manual
- Data cable
- Power adapter GTM41076-0605;CMS0105）

Oxygen Cylinders

Ready for use available in five sizes: 0.5, 2, 3, 5 and 7 l. Steel cylinders for therapeutic oxygen at 200 bar pressure, with valve and safety lock. These cylinders are ideal for home and hospital therapeutic use, particularly in case of desultory oxygen supply. Supplied in a robust plastic bag (5 and 7 l) or soft bag (2 l) or with cover (3 l) oxygen cylinders are provided with a pressure reducer with two-stage release valve (0-12 l/min) and high pressure manometer to indicate oxygen quantity in the cylinder and face mask (not in 0.5 litre).

Technical Specifications

Litres: 0.5 :
UNI
Flow: fixed 6 l
Size: Ø 60 x 400 mm
Weight: 2.75 kg

Litres: 2 :
UNI
Flow: fixed 0/12 l
Size: Ø 110 x 410 mm
Weight: 4.5 kg
With soft bag + cover

Litres: 3 :
UNI
Flow: fixed 0/12 l
Size: Ø 110 x 530 mm
Weight: 5.5 kg
With soft bag + cover

Litres: 5 :
UNI
Flow: fixed 0/12 l
Size: Ø 140 x 550 mm
Weight: 9 kg
With plastic bag + cover

Litres: 7:
UNI
Flow: fixed 0/12 l
Size: Ø 140 x 680 mm
Weight: 11 kg
With plastic bag + cover

Resuscitation Masks and Bags

AMBU MARK IV Resuscitator - Adult

Designed in accordance with the original double wall principle, the new 100% latex-free Ambu bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for adults and children over 15 Kg (3 years). Supplied with face mask N°5 and single shutter valve. Autoclavable at 134°C. Maximum volume 1300 ml.

Resuscitation Masks and Bags

AMBU MARK IV Resuscitator - Baby

Designed in accordance with the original double wall principle, the new 100% latex-free Ambu bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for neonates, infants and children up to 20 kg (approx 4-5 years). Supplied with face mask N°0A and oxygen reservoir tube 250 mm. Maximum volume 300 ml.

Resuscitation Masks and Bags

AMBU SPUR II Adult

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic design provides optimum stroke volume with perfect recoil. Range includes infant, paediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with mask, reservoir bag and oxygen tube. The bags themselves are colour-coded for fast identification of infant, paediatric, and adult sizes. - Thin-walled compression bag allows for lung compliance and "feel" - Integrated handle for user comfort and uniform compression - Unique single-shutter valve system for reliable functionality - Swivel between valve and mask permits 360° positioning of the Ambu SPUR II in relation to the patient - Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube - SafeGrip™ surface for secure handling in stressful environments.

Technical Specifications

- Suitable for baby 10 to 30 Kg
- Stroke volume 1 hand 450 ml Resuscitator volume 635 ml
- Size (Length x Ø) 234 x 99 mm
- Bag reservoir volume 1500 ml

AMBU SPUR II Paediatric

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic design provides optimum stroke volume with perfect recoil. Range includes infant, paediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with mask, reservoir bag and oxygen tube. The bags themselves are colour-coded for fast identification of infant, paediatric, and adult sizes. - Thin-walled compression bag allows for lung compliance and "feel" - Integrated handle for user comfort and uniform compression - Unique single-shutter valve system for reliable functionality - Swivel between valve and mask permits 360° positioning of the Ambu SPUR II in relation to the patient - Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube - SafeGrip™ surface for secure handling in stressful environments.

Technical Specifications

- Suitable for adult > 30 Kg
- Stroke volume 1 hand 800 ml
- 2 hand 1475 ml
- Resuscitator volume 1475 ml
- Size (Length x Ø) 295 x 127 mm
- Bag reservoir volume 2600 ml

Resuscitation Masks and Bags

AMBU SPUR II Infant

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic design provides optimum stroke volume with perfect recoil. Range includes infant, paediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with mask and oxygen tube. The bags themselves are colour-coded for fast identification of infant, paediatric, and adult sizes. - Thin-walled compression bag allows for lung compliance and "feel" - Integrated handle for user comfort and uniform compression - Unique single-shutter valve system for reliable functionality - Swivel between valve and mask permits 360° positioning of the Ambu SPUR II in relation to the patient - Medication port permits quick medication delivery without disconnecting the Ambu SPUR II from the ET tube - SafeGrip™ surface for secure handling in stressful environments.

Technical Specifications

- Suitable for infant < 10 Kg
- Stroke volume 1 hand 150 ml
- Resuscitator volume 220 ml
- Size (Length x Ø) 168 x 71 mm

CU-ER 2 Dual Mode Defibrillator

These two defibrillators can be used both in automatic (AED) and manual modality. Main features: - Synchronized cardioversion - ECG monitoring mode (3 lead ECG cable) - CPR coaching in AED - Efficient e-cube biphasic truncated exponential shock waveform - Versatile power supply - Intelligent data management system ECG of patient is recorded all throughout the rescue operation, relevant events (e.g. shock advised, charging, shock delivery) are recorded together with timestamp. Recorded data may be transferred to a PC for archiving and review or may be reviewed in the device.

Technical Specifications

- ECG Monitor - Patient connection: defibrillation pads. ECG electrodes - Bandwidth: monitoring mode: 0.3 to 40Hz (-3dB) - EMS mode : 1 - 30Hz - Heart rate: digital 30 to 300 bpm (±3bpm)
- Defibrillator AED + manual mode: variable energy level selection in 12 steps: 2,3,5,7,10,20,30,50,70,100,150,2005 - Waveform: e-cube biphasic (biphasic truncated exponential type) - Charging time: less than 10 seconds - Sensitivity & specificity: meets MMI guidelines - Defibrillation electrodes: multifunctional electrodes (disposable. pre-gelled)
- Voice & text prompts - Voice prompts guide the user through the rescue protocol - All user interfaces are supported in local language
- Data storage & management - Internal flash memory: 12 hours of event and ECG recording - Review the patient ECG. incident details and device information - Transmit multi patient data to PC
- Display - Screen type: high resolution display (Graphic LCD) - Screen size: 4 inches (10.16 cm) diagonal. 320x240 pixels - Sweep speed: 25mm / sec. nominal - Viewing time: 3.2 seconds
- Automatic self-test - Power on self-test / Run time self-test/ Manual self-test - Periodic self-test (daily/weekly/monthly)
- AC adapter - Input : 100 - 240V AC 50/ 60Hz 170VA - Output: +12V DC 3.6A
- Battery pack - 12V 4.5Ah nickel-metal hydride battery pack (rechargeable) - Charging time: minimum of 4 hours for full charging - Capacity: when new. minimum of 200 shock deliveries (fully charged)

Standard Accessories

- Voice version and manual: English

CU-ER 3 Dual Mode Defibrillator

These two defibrillators can be used both in automatic (AED) and manual modality. Main features: - Synchronized cardioversion - ECG monitoring mode (3 lead ECG cable) - SpO2 monitoring with Nellcor SpO2 module - Heart rate and SpO2 alarm system - CPR coaching in AED - Efficient e-cube biphasic truncated exponential shock waveform - Versatile power supply - Intelligent data management system ECG of patient is recorded all throughout the rescue operation, relevant events (e.g. shock advised, charging, shock delivery) are recorded together with timestamp. Recorded data may be transferred to a PC for archiving and review or may be reviewed in the device.

Technical Specifications

- ECG Monitor - Patient connection: defibrillation pads. ECG electrodes - Bandwidth: monitoring mode: 0.3 to 40Hz (-3dB) - EMS mode : 1 - 30Hz - Heart rate: digital 30 to 300 bpm (±3bpm)
- Defibrillator AED + manual mode: variable energy level selection in 12 steps: 2,3,5,7,10,20,30,50,70,100,150,2005 - Waveform: e-cube biphasic (biphasic truncated exponential type) - Charging time: less than 10 seconds - Sensitivity & specificity: meets MMI guidelines - Defibrillation electrodes: multifunctional electrodes (disposable. pre-gelled)
- SpO2 (CU-ER3 only) - Pulse rate: 20-250 bpm (±3bpm) - Saturation: 70-110% (± 3 digits)
- Voice & text prompts - Voice prompts guide the user through the rescue protocol - All user interfaces are supported in local language
- Data storage & management - Internal flash memory: 12 hours of event and ECG recording - Review the patient ECG. incident details and device information - Transmit multi patient data to PC
- Display - Screen type: high resolution display (Graphic LCD) - Screen size: 4 inches (10.16 cm) diagonal. 320x240 pixels - Sweep speed: 25mm / sec. nominal - Viewing time: 3.2 seconds
- Automatic self-test - Power on self-test / Run time self-test/ Manual self-test - Periodic self-test (daily/weekly/monthly)
- AC adapter - Input : 100 - 240V AC 50/ 60Hz 170VA - Output: +12V DC 3.6A
- Battery pack - 12V 4.5Ah nickel-metal hydride battery pack (rechargeable) - Charging time: minimum of 4 hours for full charging - Capacity: when new. minimum of 200 shock deliveries (fully charged)

Standard accessories

- Voice version and manual: English

CU-ER 1

CU-ER1 is an automated external defibrillator with monitor and ECG functions.

Main Features

- Intelligent Arrhythmia Detector
- Efficient and effective e-cube Biphasic Truncated Exponential shock waveform
- Lightweight and highly portable
- Versatile Power Supply
- Rechargeable battery pack, AC/DC adapter, car cigar lighter jack (optional)
- Intelligent data management system
- ECG of the patient and relevant events are recorded all throughout the rescue operation. Recorded data may be transferred to a PC or reviewed in the device.

Technical Specifications

- ECG Monitor: - Patient connection: defibrillation pads, ECG electrodes - Bandwidth: monitoring mode: 0.3 to 40Hz (-3 dB) - EMS Mode: 1 - 30Hz - Heart rate: digital 30 to 300 bpm (±3bpm)
- Defibrillator - Waveform: e-cube biphasic (biphasic truncated exponential type) - Charging time: less than 10 seconds - Sensitivity & specificity: meets AAMI guidelines - Defibrillation electrodes: multifunctional electrodes (disposable, pre-gelled)
- Voice & text prompts - Voice prompts guide the user through the rescue protocol - All user interfaces are supported in local language
- Data storage & management - Internal flash memory: 12 hours of event and ECG recording - Review the patient ECG. incident details and device information - Transmit multi patient data to PC
- Display - Screen type: high resolution display (graphic LCD) - Screen size: 4 inches (10.16 cm) diagonal. 320 x 240 pixels - Sweep speed: 25mm / sec. nominal - Viewing time: 3.2 seconds
- LCD Screen Displays - The ECG of patient - Energy of the shock to be delivered - Shock count - Heart rate - Battery status - Elapsed time
- Automatic self-test - Power on self-test / run time self-test / manual self-test - Periodic self-test (daily/weekly/monthly)
- AC adapter - Input : 100 - 240V AC 50/ 60Hz - 170VA - Output: +12V DC 3.6A
- Battery pack - 12V 4.5Ah nickel-metal hydride battery pack (rechargeable) - Charging time: minimum of 4 hours for full charging - Capacity: when new. minimum of 200 shock deliveries (fully charged) - Size: 305 x 250 x 94 mm - Weight: 2.7 Kg

Standard Accessories

- Rechargeable battery (minimum 4 hours for full charge)
- Battery charger
- Adult pads with cable
- Carrying bag
- User manual

DEFI-B Defibrillator 110V or 220V

The mobile security: PRIMEDIC DEFI-B is a state-of-the-art accumulator-driven defibrillators. It was designed in accordance with strict requirements of emergency medical science. Fully developed and reliable technique, worldwide in use for years. PRIMEDIC DEFI-B is a mains-independent version and has proved successful in daily use in ambulances, with cardio sport groups and in hospitals. PRIMEDIC DEFI-B is quickly ready to use, DEFI-B not mains dependent due to large accumulator capacity. After switching on the defibrillators, an internal self-test with error diagnosis is carried out automatically. Pictograms and a clear program run, to ensure functional handling. A shock-resistant plastic casing protects the device, especially in hard conditions. In emergency situation the well structured and logical operator guidance may save a life. Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg). Compact and handy, the PRIMEDIC DEFI-B is easily transportable and immediately ready to use everywhere.

Technical Specifications

- Mode: Asynchronous, external defibrillator
- Energy step: 20,50,100,160,250,360 Joule
- Discharges: 45 shocks with 360 Joule, (10 reserve after signal "battery low")
- Charging time: - 2 sec up to 100 Joule
  - 4.5 sec up to 360 Joule
- Paddles for children integrated
- Accumulator: 14.4V/1.4 Ah
- Charging time: 3.5 hours
- Safety: Internal discharge of energy after 15 sec.
- Internal self-testing and fault recognition
- Protection class II, type BF
- Mains voltage: 200-240 V 50/60 Hz or 110 V
- Dimensions: 40 x 48 x 12 cm (W x D x H)
- Weight: 8.5 kg
- Made in Germany

Primedic Defimonitor XD1 or XD10

AC-and AkuPak-powered manual external biphasic current controlled defibrillators, synchronous/asynchronous, high contrast blue mode LCD-monitor, 3/6-channel-ECG, 3/6-channel-ECG-printer, adult/paediatric paddles including PRIMEDIC TM Pacer XD (only XD10).

Primedic Heart Save 6S

The convincing feature of the new PRIMEDIC Heart Save is its easy, safe and speedy operation. With the new biphasic "Current Controlled Defibrillation" pulse, we are setting new standards in defibrillation technology. The device performs an automatic ECG analysis within 12 seconds and decides whether a defibrillation is necessary. Then a touch of a button is enough to trigger the life-saving electric pulse that eliminates the ventricular fibrillation. Thus valuable seconds and minutes are used to save life.

HEART SAVE 6S with monitor (cardio version)
Same as AED-M but manual and automatic, with 6-channel ECG leads and SpO2.

Main Features

- One-button operation
- Intuitive and easily handling
- Status indicator
- Lithium-battery
- No energy selection required
-Current controlled defibrillation
- Save Card, 100 hours for internal ECG and voice recording
- Regular self-test
- Dimensions: approx. 26 x 26 x 8.5 cm
- Weight: approx. 2 kg
- Made in Germany

Technical Specifications

▪ Defibrillation	Wave: biphasic, current controlled pulse; Energy 140-360 j; Charging time: < 12 sec; Operating modes: asynchronous
▪ ECG	Lead: I, II, III, aVr, aVf, aVl, Patient's impedance range: 20-200 Ohm; Heart rate: 30-300 per min
▪ VF: VT Detection	VF/VT Detection; Manual override; Analysis time 6-12 sec; VF threshold 0,2 mV; Asystole threshold <0,2mV; Artefact-Pacemaker detection
▪ LCD Monitor:	95 x 72 mm (diagonal 4.7"/120 mm), 320 x 240 (pixel size 0,36 x 0,36 mm); Storage battery status display; Speed 25 mm/s, Heart rate; number of defibrillation; number of VF/VT; Total resuscitation time
▪ Electrodes	Non polarized electrodes, 2 years storage, Cable length 1,5 m
▪ Data backup	Internal memory 8 MB backup, Removable memory 32-128 MB, Voice recording
▪ Power supply	Lithium battery or Rechargeable (Power pack 90-260 V, 50/60 Hz), Battery: Lithium | Rechargeable, Type: LiMnO2 | NiCd, Battery storage: 5 Years, Discharges: 110 | 56, Monitoring: 11 h | 5 h, Voltage: 16 V | 10.6 V
▪ Pulse Oxymeter	
▪ Nellcor	

Standard Accessories

- Rechargeable battery with charger
- ECG cable 3 leads
- SpO2 probe
- Save pads
- Briefing protocol
- Manual: English, Italian, Spanish

Primedic Heart Save AED

The convincing feature of the new PRIMEDIC™ HeartSave is its easy, safe and speedy operation. With the new biphasic "Current Controlled Defibrillation" pulse, we are setting new standards in defibrillation technology.The device performs an automatic ECG analysis within 12 seconds and decides whether a defibrillation is necessary. Then a touch of a button is enough to trigger the life-saving electric pulse that eliminates the ventricular fibrillation. Thus valuable seconds and minutes are used to save life.

HEART SAVE AED with lithium battery 200 discharges
Automatic external defibrillator with integrated one-channel ECG, acoustic and optical user guidance, data backup and 6 years life lithium battery. Spoken instructions in 3 languages.

Main features
- One-button operation
- Intuitive and easily handling
- Status indicator
- Lithium-battery
- No energy selection required
- Current controlled defibrillation
- Save Card, 100 hours for internal ECG and voice recording
- Regular self-test
- Dimensions: approx. 26 x 26 x 8.5 cm
- Weight: approx. 2 kg
- Made in Germany

Technical Specifications

▪ Defibrillation	Wave: biphasic, current controlled, Energy 140-360 j, Charging time: < 12 sec, Operating modes: asynchronous
▪ ECG	Lead: II, Patient's impedance range: 20-200 Ohm, Heart rate: 30-300 per min
▪ VF:VT Detection	VF/VT Detection, Analysis time 6-12 sec, VF threshold 0.2 mV, Asystole threshold <0.2mV, Artefact-Pacemaker detection
▪ Electrodes	Non polarized electrodes, 2 years storage, Cable length 1.5 m
▪ Data backup	Internal memory 8 MB backup, Removable memory 32-128 MB, Voice recording
▪ Power supply	Lithium battery or Rechargeable (Power pack 90-260 V, 50/60 Hz), Battery: Lithium | Rechargeable, Type: LiMnO2 | NiCd, Battery storage: 5 Years, Discharges: 200 | 56, Monitoring: 11 h | 5 h, Voltage: 16 V | 10.6V

Standard Accessories
- Lithium Battery
- Save pads
- Briefing protocol
- Manual: Greek, Portuguese, English

Rescue 230 Biphasic Defibrillator -220V

BTE (biphasic truncated exponential) discharge type. Impedance compensated energy delivery. Energy selection from 10 to 230 Joule directly from the front panel. Charge time 5 sec for 230 Joule with fully charged battery. 100 shocks of 230 J with fully charged batteries. Charge/discharge control from the paddles. ECG 'R' wave synchro mode or async mode. Can be used with disposable paddles. Large (5.7") high resolution backlight LCD display (320x240 dots). ECG through the paddles or through patient cable .

Technical Specifications

- Display: Large (5.7"") high resolution backlit LCD display (320 x 240), ECG through the discharge paddles (1 trace) or through 4 leads patient cable (6 traces): I, II, III, aVR, aVL, aVF. Automatic change over when plugging the patient cable - Filters: 50 Hz/60 Hz, base line, low pass - Heart rate indicator
- Printer: Integrated thermal printer for ECG traces and events documentation hardcopy - Paper speed 5, 10, 25 and 50 mm/sec. (paper width 58 mm)
- Safety: Two hand safety shock release – ECG input isolation CF class - Internal discharge after 30 sec. of standby after charge
- Power supply: Internal Ni-Cd high capacity batteries (charging time 95%: 2 hours) - universal mains adaptor charger 110/220 VAC, 50/60 Hz
- Dimensions: 34 x 26 x 13 cm
- Weight: 5.5 kg

Standard Accessories

- Internal Ni-Cd high capacity battery
- Carrying case
- Patient cable 4 leads
- Disposable paddle + cable
- Printer
- 1 paper roll 2 reusable paddles
- Mains adaptor charger
- User manual English, Italian (Spanish and Turkish on request)

Rescue Life Defibrillator

- RESCUE LIFE BIPHASIC DEFIBRILLATOR Rescue Life is an external defibrillator with monitor designed to be used by out-of-hospital and hospital users. Lightweight, transport facility, attractive line, ergonomic shape, studied in every details. It is a complete acute cardiac care response system designed for Basic Life Support (BLS) and Advanced Life Support (ALS) patient management protocols. The IPX4 standard permits the operation under adverse climatic situations Rescue Life is totally.
- SpO2 and pacemaker Range includes models with pacemaker and SpO2 ECG module includes up to 12 derivations Standard 5 leads patient cable (for I, II, III, aVL, aVR, aVF) or optional 10 leads patient cable (for 12 derivations).
- TFT LCD colour display 5.7" Bright, high contrast, wide-angle colour display for simultaneous view of up to 3 ECG channels .
- Data management The memory is based on a flash disk of 2 GB for 2,000 recorded hours for all AED models.
- Asynchronous and synchronous defibrillation.

Technical Specifications

- Display: High contrast TFT colour LCD 5.7" (320x240 pixel) ; ECG through the discharge paddles (1 trace) or through 5, 10 leads patient cable for 6, or 12 traces and SpO2 value Automatic change over when plugging the patient cable
- Filters: 50/60 Hz, base line, EMG ; Heart rate indicator
- ECG monitoring: Bandwidth: 0.5 to 120 Hz (-3db) with filters off ECG trace
- Parameters: Speed 5, 10, 25, 50 mm/sec. ; Gain 5, 10, 20 mm/mV with patient cable; auto with paddles HR digital readout on the display from 20 to 300 bpm (± 2%) Alarm: HR max settable 250 bpm, HR min settable 20 bpm
- Printer: Auto printing mode ; Integrated thermal printer for ECG traces and events documentation hardcopy including SpO2 in % ; Paper speed 5, 10 and 25 mm/sec. ; Paper width: 58 mm
- Safety: Two hand safety shock release ; ECG input insulation CF class ; Internal discharge after 30 sec. of standby after charge
- Power supply: Internal Ni-Mh high capacity batteries (charging time 95%: 2 hours) Universal mains adaptor charger 110/230 VAC, 50/60 Hz
- Dimensions: 36 x 24 x 34 cm
- Weight: 5.5 kg

Standard Accessories

- Internal Ni-Mh battery
- Printer
- Patient cables 5 leads
- 1 paper roll
- 2 adult and paediatric reusable paddles Main adaptor charger
- Manual: Italian, English
- On request we can offer Rescue Life with pacemaker and SpO2

Rescue Sam Defibrillator

Rescue Sam is a semi automatic external defibrillator designed for public use by minimally trained people. It provides easy and simple indications for rescue operations. Supplied with lithium battery (200 shocks or 4 operating time), set of adult pads and manual. According to AHA/ERC Guidelines 2010.

Technical Specifications

- Operating mode: Semi-automatic (DAE)
- Waveform: BTE (Biphasic Exponential Truncated) impedance compensated
- Energy: 200 J fixed
- Charge control: Automatic by software (Arrhythmia Detection System and charging control)
- Charge time: < 10 seconds
- Time between discharges: < 20 seconds
- ECG data acquisition: Derivation II, by defibrillation pads.
- Band from 1 Hz to 35 Hz
- Impedance: 25 O to 200 O
- ECG analysis system: - Voice instructions: Vocal and optical message guide during rescue operations
- Autotest: automatic, battery insertion, daily/weekly/monthly
- Battery: 12 Volt DC, 42 Ah, LiMnO2 disposable long life
- Battery capacity: 200 shocks or 4 hours of operating time
- Data recording, stored: first 60 minutes of ECG and the entire incident's event
- Size-: 30 x 28 x 90 h cm
- Weight: 2.3 kg with battery

Infusion Pump 1P-7700

This pump using peristaltic method is a cutting-edge pump realizing high flow precision with compatibility with tubes of various pumps through ultrasonic bubble detection. IP-7700 provides simple and easy setup process with its numerical silicon keypad. FND and colour LCD provides complete information and user gets the information at one glance. Most infusion condition such as K.V.O. rate, purge rate and bolus can be setup as operating application.

Main Features

- Light and compact design: light as 3.5 kg, compact design, and easy to use.
- Standard compatibility with 3 brands of IV SET: TERUMO (TS PA 200L), BD (A122), KOREAN VACCINE. Each pump can be calibrated for up to 10 different IV set.
- Flexible flow setting and easy operation method: Flow-setting range of 1~1000 ml/h, 0.1~999.9 ml/h is available for wide range settings and dial type is easy to use for setting flow-volume.
- Full program dosage feature: it can calculate the right flow rate for a patient and inject promptly.
- Easy recognition of alarm: simultaneous visual and audio alarm system.
- Notifying remaining battery
- Keep Vein Open feature: when reached preset value, it converts to low flow speed of 3ml/h (when IV set is 15, 19, 20 drops/ml) or 1ml/h (when IV set is 60 drops/ml) automatically to prevent flow route clog due to blood coagulation.
- Ultrasonic air bubble detector
- Suitable also for VET use

Technical Specifications

- Flow volume setting range: - 1~1000 ml/h (1 ml infusion interval); - 0.1~999.9 ml/h (0.1ml infusion interval)
- Flow volume error margin: ±5%
- Infusion limit volume range: 1~9999 ml
- Total estimated volume range: 1~9999 ml
- K.V.O rate(Vein maintaining function): 1 ml/h ~ 10 ml/h adjustable
- Pump method: Peristaltic method
- Size: 100 x 190 x 250 mm; Weight: 3.5kg
- Rapid flow volume (Purge): 1-1000 ml/h adjustable
- Air in line, occlusion, flow error (free flow), door open, K.V.O. (Infusion completion), standby, low battery, alarm, device malfunction (CPU error), empty container (with optional drop sensor)
- Bolus: 1~1000 ml/h adjustable
- Nurse call: DC24V, 0.5A
- Alarm features:

Special Features

- Keypad lock, retain memory, remaining time, alarm repeat, open system, K.V.O., purge, bolus, occ. level, history call-back.
- Power: AC 230V, 50/60Hz and DC9.6V inner source adapter ; DC 24V / 1A Available on request 110V / 60Hz
- Maximum power consumption: 15VA
- Electric protection levels: Class II B, inner source device, CF type
- Waterproof level: IPX2
- Battery type: Ni-Cd, using time: 5 hrs. (when infusing 125 ml/h)
- Battery charging time: Minimum 6 hours, battery life approx 6 months

Standard Accessories

- Manual (English, Italian)

Syringe Pump SP-8800

SP-8800 provides easy syringe installing through one-touch method by slider hook, simple and easy setup process with its numerical silicon keypad. Colour LCD displays infusion information dramatically shortcut key manages easy approach for frequent functions. K.V.O. rate, purge rate, bolus and anti bolus can be setup as operating application. Supplied with battery.

Flexible flow volume setting. Full program dosage feature (optional): it automatically calculates flow rate by patient's weight, injection's mass and melting. Keep Vein Open (K. V. O.) feature: When reached to the preset value, it converts to low flow speed of 0.1ml/h automatically to prevent flow route clog due to blood coagulation. Standard compatibility with 5 major brands of syringes: Syringe brand setting feature enables you 5 choose, from following syringe brands: BD, TERUMO, ARTSANA, PENTAFERTE, SUNGSHIM. Each pump can be calibrated for up to 10 different syringes. Alarm and notification feature: It notifies errors and emergencies with LED light and buzzer. Simultaneous visual and audio alarm. Occlusion error range setting: You can set the pressure level of occlusion stage to High, Medium and Low by patient's age condition. Suitable also for VET use. IV clamp included. Colour display. Automatic set-up system (flow rate, time, delivery volume). Easy and quick installation of syringe, just in five seconds .

Technical Specifications

- Flow volume setting range: Syringe 10ml : 0.1-300ml/h; Syringe 20ml : 0.1-400ml/h; Syringe 30ml : 0.1-500ml/h, Syringe 50ml : 0.1-1200ml/h
- Flow volume error margin: ±3%
- Infusion limit volume range: 0.1~999.9ml (0.1 ml infusion interval)
- Total estimated volume range: 0.1~999.9ml (0.1 ml infusion interval)
- K.V.O rate (Vein maintaining function): 1 ~ 10 ml/h adjustable
- Size: 220 x 130 x 108 mm, weight: 2 kg
- Rapid flow volume (Purge): 0.1 ~ 1200 ml/h adjustable
- Bolus 0.1 ~ 1200 ml/h, 0.1 ~ 1000 ml adjustable
- Alarm features: Occlusion, K.V.O. (infusion completion), standby, near empty, low battery, device malfunction (CPU error), clamp/handle lever/slider disengaged, syringe disengaged.
- Nurse call DC12V, 1A

Special features

- Keypad lock, shortcut key, retain memory, remaining time, alarm repeat, open system, K.V.O. purge, bolus, anti bolus, occ. level. history call-back.
- Power: AC 110V / 220V, 50/60Hz and DC9.6V inner source adapter DC24V/1A (Available on request 110V/60Hz)
- Maximum power consumption: 18VA
- Electric protection levels: Class II B, inner source device, CF type
- Waterproof level: IPX2
- Battery type: Ni-MH
- Battery using time: 5 hours at (5ml/h).
- Battery charging: time Minimum 6 hrs.
- Battery life: about 6 months.

Standard Accessories

- Manual (English, Italian)

Syringe Pump SP750

SP750 is a volumetric infusion pump, features in high-safety, easy to operate and long working life. High-accuracy flow control, colour TFT screen and comprehensive alarm measures ensure patient safety and optimum therapeutic effect.

Main Features

- High-accuracy infusion control, compatible with most standard IV Sets.
- Two units(drop/m and ml/h) are optional.
- Reminding of starting infusion, and residual time display.
- Alarm threshold of air bubble and pressure can be adjusted, and alarm volume also is adjustable
- Accompanying IV-set clamp prevents free flow if pump door is accidentally opened.
- A.B.S—ANTI BOLUS system prevents a moment's high-dose injection from the sudden obstruction disappearing.
- Automatic flow shut-off during alarms. (except for "NEAR END", "KVO", and "LOW BATTERY" alarms)
- Compact aluminium enclosures and robust construction.
- Chinese and English are optional.
- USB port for achieving software updating and parameter calibration.
- The versatile bracket enables mounting the pump on any type of IV pole, which saves the space.
- Suppliers can calibrate to the new IV set provided by user, and input parameters into infusion pump to ensure accuracy.

Technical Specification

- Flow rate: 1ml/h~699ml/h
- Bolus rate: 699ml/h
- Preset volume range: 1ml~9999 ml
- Infusion accuracy: ±5%
- KVO rate:1~5ml/h(keep vein open, KVO infusion rate)
- Display information: infusion rate, accumulated infusion volume, infused volume, residual time
- Alarm functions: infusion reminding, door open, occlusion, air bubbles, near end, KVO state, low battery
- Occlusion pressure: 10kPa~300kPa
- Safety Classification: Class I, Type BF
- Water-proof: IPX1
- Working mode: Continuous operation
- Power supply: AC220V / 50Hz or DC 12V
- Built-in rechargeable lithium-polymer battery, 7.4 V / 3700mAh
- Dimension: 197mm x 145mm x 135mm(L × W × H)
- Net weight: 3.5kg

Standard Accessories

- Versatile bracket
- Power cord
- User Manual

Syringe Pump SP950

The SP950 pump is a high capacity syringe pump, built for safety, easy operation. Adopted microcomputer and microelectronic technology, and held the LCD screen which can display all kinds of parameters well and truly. Integrated the features of alarming and alarm with sound, light and prompt; Carry easily, run steadily for a long time. High accurate rates, check the syringe specification automatically. Built-in rechargeable battery which can run continuously for more than 4 hours.

Main Features

- 320 x 240 pixels TFT-LCD display
- Keep vain open(KVO)
- Set the infusion volume in a time according to practice need
- Enter KVO state near ending alarm
- Change the different syringes according to need
- Adopt internal battery which can switch automatically when powered off and charged automatically
- It's convenient for rapid supplying medicine as the function of transient rapid injection
- Alarm with sound and light: pipe occlusion syringe fell off abnormal communication(reset problem), low battery
- Compatible to most standard single-use syringes and control the accurate rate by adjusting the parameters
- Keyboard lock: avoid the mistake operation and enhance protecting
- Simple and flexible focus selected

Technical Specifications

- Syringe: comply with the council directive 10ml 20ml 30ml 50ml
- Infusion rate range: 10ml 0.1ml/h~100ml/h; 20ml 0.1ml/h~200ml/h, 30ml 0.1ml/h~300ml/h; 50ml 0.1ml/h~500ml/h
- Rapid injection rate range: 10ml 100ml/h; 20ml 200ml/h; 30ml 300ml/h; 50ml 500ml/h
- Injection volume range:0ml~50ml
- Accumulated infusion volume:0ml~999.9ml
- Accuracy:±3%
- Occlusion alarm pressure:0.04～0.16MPa
- KVO rate range:0.1mL/h～0.5mLh
- Maximum Power consumption: 25VA
- Power supply: AC 220V, 50/Hz
- Battery: Rechargeable lithium battery 3700mAh,and run 4 hours with the rate of 5ml/h after being fully recharged
- Dimension: 300 × 130 × 126mm (length × width × height)
- Weight: <2.5Kg

Infusion Pump SP-900

All standard syringes of 10ml, 20ml and 50ml are compatible. The machine diagnoses the syringe size automatically and with a simple syringe specification setting. The syringe pump can guarantee an accurate and safe injection. Unique function of bedside injection supervision. Excellent injection function and operation. Even small-volume injection is accurate. Double CPU system ensures safe and reliable injection process. Driven by precision step motor, no pulsating waves occur even during low-rate injection. Accurate and sensitive pressure sensor detects occlusion pressure accurately. Alarms are given in case of malfunction or operation error and the machine stops operation automatically.

Technical Specifications:

- Feasible injection rate range: 10ml: 0.1-100ml/h; 20ml: 0.1-200ml/h; 50ml: 0.1-500ml/h
- Maximum power consumption: 25VA, running more than 5h after being fully charged.
- Injection increment:0.1ml/h
- Injection accuracy: ± 3%
- Bolus: The fastest rate of the size of syringe in use
- Displayed information: Rate, accumulated injection volume, Syringe size, Battery capacity, bed no., AC power indicator, Battery charge indicator
- Accumulated injection volume:0-999.9ml
- Alarm functions: Near, Over, OCCL., low battery, syringe installation error, control abnormal, machine malfunction
- Electrical safety: Comply with the requirement of GB9706.1-1995, EN60601-1 and UL60601-1
- EMC(Electromagnetic compatibility);Comply with the requirement EN60601-1-2,EN60601-2-24
- Power supply: 50/60Hz AC 100V-240V
- Maximum weight: <3.0kg

Infusion Pump SP-800

Technical Specification

- Bolus: 600ml/h
- Flow rate range: 1-600 ml/h
- Volume limit: 1-9999 ml
- Accuracy: ± 5%
- KVO flow rate: 1 ml/h, keep vein open KVO rate
- Power supply: AC 100-240V, 50/60 Hz, 25VA
- Water Proof: IP x I
- Battery: Rechargeable lithium polymer battery, 7.4 V, 1650mAh
- Electrical safety: compliance with the requirements of IEC 60601-1
- Max. Power consummation: 25W
- Battery life: approx 5 hours after 8-14 hours recharge
- Fuse Type: 220V 2A x 2, 12V 2A x 2
- Max. size of outer shell: 120 x 140 x 190 mm (length x width x height)
- Max. weight: ＜2.5 kg
- Classification: Type B.
- Outer shell material: ABS plastic
- Applicable infusion pipe: All standard infusion pipe use "double dove" to test
- EMC: Complies with IEC/EN60601-1-2 and IEC/EN60601-2-24.

▪ Display or information:	Flow rate, volume limit, accumulated volume, power indicator light, bed No., air, occlusion, empty
▪ Alarm function:	Infusion completion, occlusion, air bubble, low battery, control abnormal, no AC power supply, installation error
▪ Operating condition:	Environment temperature:+5℃- +40℃, atmosphere pressure 50-106kPa, related humidity 30%-90%
▪ Storage and transport condition:	Environment temperature -15℃- +50℃, atmosphere pressure 50-106kPa, relative humidity 30%-90%.

First Aid Cases

Gima 3 First Aid Case + Oxygen

Advised for up to 50 people Meets Italian law D.M. 388 (15.7.03) art. 1 + emergency kit. Emergency kit includes: - autoclavable resuscitation with security valve, and silicone mask n.4 - oxygen bottle 0.5 l (empty) with reductor and oxygen distributor - UNI standard - 3 guedel airways - atoxic tube for connection to oxygen - mouth opener

Standard Accessories

- 2 Bottle antiseptic solution 500 ml
- 5 Pair protective gloves, sterile
- 2 Box of 10 assorted plasters
- 2 Adhesive plaster roll 2.5 cm x 5 m
- 1 Tubular net gauze
- 10 Pack of sterile compress 10 x 10 cm
- 2 Pack of sterile compress 18 x 40 cm
- 1 Pack of cotton wool
- 1 Mask with face shield
- 1 Pair of scissors 14.5 cm
- 2 Sterile forceps
- 3 Haemostatic lacet
- 1 Sphygmomanometer + Stethoscope
- 2 Sterile blanket 40 x 60 cm
- 2 Pack of instant ice, single use
- 1 Digital thermometer
- 2 Trash bag
- 1 First aid multilanguage instructions
- 1 Guidance leaflet
- 3 Irrigating solution 500 ml
- 1 Autoclavable resuscitator with facemask N° 4
- 1 Oxygen bottle 0.5 l empty - UNI standard
- 3 Guedel airways
- 1 Atoxic tube for oxygen
- 1 Mouth opener
- 1 Autoclavable resuscitator with facemask N° 4
- 1 Oxygen bottle 0.5 l empty - UNI standard
- 3 Guedel airways
- 1 Atoxic tube for oxygen
- 1 Mouth opener

Medical Sport Bag

Special kit designed for first aid in sporting clubs (tennis clubs, swimming pools, gymnasium,....). Soft nylon bag has 2 side packets and zip closure.

Technical Specifications

- Size: 470 x 240 x 190 mm
- Weight: 6.5 kg

Standard Accessories

- 1 Isothermic blanket Gold/Silver 160 x 210 cm
- 1 Disinfectant liquid 250 ml
- 2 Adhesive plasters 5 m x 2.5 cm
- 2 Pairs of sterile gloves
- 2 Vento mouth to mouth resuscitators
- 6 Sterile gauze pads 18 x 40 cm
- 2 Instant ice sprays 150 ml
- 3 Triangular TNT bandages 96 x 96 x 136 cm
- 2 Elastic bandages 6 cm
- 2 Elastic bandages 8 cm
- 1 Cotton wool pack
- 1 Pair of LISTER scissors 14.5 cm
- 2 Compressive pad bandages 80 x 100 mm
- 2 Compressive pad bandages 100 x 120 mm
- 1 Pack of 20 adhesive plasters 2 x 7 cm
- 8 Adhesive plasters 10 x 6 cm
- 1 Sterile TNT bandage 60 x 40 cm
- 1 Sterile TNT bandage 60 x 80 cm
- 6 Sterile TNT pads 10 x 10 cm
- 5 Instant ice packs
- 1 Hydrogen peroxide solution
- 1 Elastic net bandage
- 1 Haemostatic lacet
- 1 Sterile tweezers
- 5 Ammonia towelettes
- 1 Sterile saline solution bottle 250 ml
- 1 Gel hands disinfectant 100 ml
- Guidance leaflet 5 languages

Metal Cabinet

Supplied with 3 internal metal shelves, removable bottle floor support, 2 small shelves on the door, lock and key.

Technical Specifications

- Size: 402 x 582 x 202 mm
- Weight: 12.9 kg

Standard Accessories

- 3 Bags liquid soap
- 3 Bags antiseptic wipes
- 1 Bottle antiseptic solution 250 ml
- 3 Bottle antiseptic solution 500 ml
- 1 Oxygenated water bottle
- 2 Ammonia bag
- 5 Pair protective gloves, sterile
- 1 Box of 100 assorted plasters Plastosan
- 1 Box of 100 assorted 7 x 2 cm Plastosan
- 2 Adhesive plaster roll 2.5 cm x 5 m
- 1 Elastic bandage with clip 4.5 cm x 7 m
- 1 Pack of 8 assorted gauze bandages
- 1 Tubular net gauze
- 10 Pack of sterile compress 10 x 10 cm
- 6 Pack of sterile compress 18 x 40 cm
- 3 Pack of cotton wool
- 1 Mask with face shield
- 1 Pair of scissors cm 14.5
- 2 Sterile forceps
- 3 Haemostatic lacet
- 1 Sphygmomanometer + Stethoscope
- 2 Sterile blanket 40 x 60 cm
- 2 Pack of instant ice, single use
- 1 Digital thermometer
- 5 Trash bag
- 1 First aid Multilanguage booklet
- 1 Guidance leaflet
- 3 Irrigating solution 500 ml
- 4 Triangular blanket 96 x 96 x 136 cm
- V1 Isothermic blanket gold/silver 160 x 210cm
- 3 Sterile burn gel sachet 3.5 g
- 1 Compressive Emocontrol bandage
- 1 Pinocchio helicoidal open mouth Vento

Resuscitation Masks

Transparent latex-free Face Masks – blue

- Self inflating cuff, unbreakable plastic hood
- Cuff pressure can be regulated for an easy and efficient seal.
- Thumb rest allows easy grip and enables rescue personnel to achieve a tight fit on the face
- Buttoned-on cuff enables easy removal for cleaning
- Visual checks of bleeding, vomitus and spontaneous breathing can be made through the transparent dome.
- Autoclavable at 134°C

Ref	Size
N° 0	Newborns/Prematures
N° 0A	Newborns/ Children
N° 2	Boys
N° 3/4	Adults / Small
N° 5	Adults
N° 6	Adults Large

N° 0A

N° 0

N° 2

N° 3/4

N° 5

N° 6

Resuscitation Bags

MARK IV RESUSCITATOR - adult

Designed in accordance with the original double wall principle, these new 100% latex-free bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for adults and children over 15 Kg (3 years). Supplied with face mask N°5 and single shutter valve. Autoclavable at 134°C. Maximum volume 1300 ml.

Resuscitation Bags

MARK IV RESUSCITATOR - baby

Designed in accordance with the original double wall principle, these new 100% latex-free bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for neonates, infants and children up to 20 kg (approx 4-5 years). Supplied with face mask N°0A and oxygen reservoir tube 250 mm. Maximum volume 300 ml. Autoclavable at 134°C. Maximum volume 1300 ml.

Resuscitation Bags

MARK IV RESUSCITATOR - adult with kit bag

Designed in accordance with the original double wall principle, these new 100% latex-free bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for adults and children over 15 Kg (3 years). Supplied with face mask N°5 and single shutter valve. Autoclavable at 134°C. Maximum volume 1300 ml. Also supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) and oxygen tube, all fitted in a resistant nylon bag.

Reservoir Bag 1500ml - Adult

Hot-Cold Thermo Gel

Size: 14 x 28 cm - box of 30
Due to special features of the gel it maintains temperature (hot or cold) for long.

Instant Ice – 14x18 cm Bag (Polyethylene)

Icy-pack "instant ice" is recommended for cryotherapy. Excellent in case of traumas to soothe the pain and to prevent haematomas, swellings, etc. Easy and quick to use anywhere and anytime. Press the bag to break the inner bubble and shake to mix contents. The blend you obtain drops temperature of the pack down. Activates at -6 °C reaches 0 °C in 30 minutes (at environment temperature of 20 °C).

Spray Instant Ice - 400 ml Bottle

Ecological, useful for small bruises, haematomas or trauma, in first aid or sport applications. Spray on the injured area at 20 cm distance. (see the reference temperature chart). Content: Ammonium nitrate + water.

Burnfree Pain Relieving Gel - Bottle 118ml

A complete range of burn care products with superior benefits: - Dissipates heat on contact - Cools the burn site, relieves pain, calms the burn victim, helps stop the burn process. - Covers the burn, help to prevent contamination, helps begin the healing process. Ideal for all minor burns (including sunburns) and cuts. BurnFree is a highly viscous gel that effectively stays on a burn injury rather than running off the wound as water would. It is easily absorbed into the matrix of the open-cell foam used in the sterile dressings, to cool the injury effectively. BurnFree is 95% water based and is 100% water soluble, which means it rinses off completely from a burn injury for any further examination or treatment. BurnFree contains no drugs. It is classified as a Medical Device by the U.s. FDA and by the European Community. It also carries the "CE" mark as required in Europe. BurnFree dressings are also approved for "Wound Care". It is the only burn product on the market to have such dual approval.

Pocket Burnfree Kit

Standard Accessories
- 1 sterile dressing 5 x 5
- 4 gel bags 3.5 g

A complete range of burn care products with superior benefits:
- Dissipates heat on contact
- Cools the burn site, relieves pain, calms the burn victim, helps stop the burn process.
- Covers the burn, helps to prevent contamination.

Sterile burn and wounds dressings:
- Made of a soft open-cell foam, saturated with Burnfree gel
- Sterile to reduce risk of contamination or infection.

Pain relieving gel:
- Ideal for all minor burns (including sunburns), cuts and abrasions, available in bottle or single use dose 3.5 g.

Covers and Emergency Blankets

Fire Retardant Blanket

- Made in glass fibre
- Can be used to extinguish small fires
- Size: 150 x 180 cm

Burnfree Fire Blanket

Provides immediate physical, smoke and heat shielding protection from fire. Cools and moistens burns. Supplied in barrel bag with strap.

Three different sizes available

Technical Specifications
Blanket size: 244 x 152 cm
Weight: 10.9 Kg
Barrel bag size: 51 x 21 x 22.3 cm

Technical Specifications
Blanket size: 183 x 152 cm
Barrel bag size: 51 x 21.5 x 22.3 cm
Weight: 6.9 Kg - 15 lbs

Technical Specifications
Blanket size: 91 x 76 cm
Weight: 2.3 Kg
Barrel bag size: 41 x 33 x 5 cm

Emergency Cover

Suitable for protection against cold and heat. Silver side in keeps the warmth of the body, gold side out reflects sunbeams.

Technical Specifications

- Size: 160 x 210 cm
- Weight: 67 g

Hypothermic Blanket

Reflects and retains over 80% of radiated body heat to keep a person warm and protected even at subzero temperature. Waterproof, reusable, wind proof, lightweight. Made of polypropylene Fralom fibre coupled to a metalized polyethylene fibre. Blanket colour may change in the time.

Technical Specifications

- Size: 200 x 150 cm

Spinal Immobilizer - Type A

Ideal for the immobilization and setting free of patients from emergency situations. It allows to fix vertically and horizontally the head and spine of the patient to limit any injuries caused by wrong transport. It provides horizontal flexibility and vertical rigidity support. Supplied with different colour buckles and belt for easy use, padded cushion velcro straps and waterproof bag. - Supply horizontal flexibility and vertical rigidity support

Spinal Immobilizer - Type B

Ideal for the immobilization and setting free of patients from emergency situations. It allows to fix vertically and horizontally the head and spine of the patient to limit any injuries caused by wrong transport. It provides horizontal flexibility and vertical rigidity support. Supplied with different colour buckles and belt for easy use, padded cushion velcro straps and waterproof bag. - Supply horizontal flexibility and vertical rigidity support

Defibrilation Pads "Euro Defi Pads“

DEFIBRILLATION PADS "EURO DEFI PADS“

Euro Defi Pads: a complete line of disposable multifunction electrodes for defibrillation, synchronized cardioversion, external cardiac stimulation and ECG monitoring. Easy to be used, they allow simple but specific and optimal clinical performances both in emergency cases and for elective uses. Thanks to the high quality of the solid gel, to the excellent adhesivity and to their particular shape, they perfectly spick to the patient’s skin and grant an homogeneous and uniform distribution of the current on all the conductive surface of the pad The low impedance values grant a low stimulation threshold and allow to make a very effective transcutaneous non invasive pacing with the minimum trouble for the patient.

Models with cable of the right length and safety antishock connector allow the direct connection – without any adaptor – to the devices of the main defibrillators brands, that nowadays are present on the market. FIAB Euro Defi Pads are compatible with monophasic and biphasic defibrillators (manual, semi-automatic and automatic) and they comply with European Directives and International Standards (ANSI/AAMI DF-80, IEC/CEI/EN 60601-2-4, 60601-1, ISO10993-1).

Defibrillation Pads

79XX - Adult Standard series

Adult Standard series is intended for patience with a minimum body weight of 25 Kg (55 pounds). Please open the compatibility list for the complete models range.

Ref	Compatibility
F7950	Philips, Laerdal Medical, Agilent
F7951	Zoll Medical
F7952	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7953	Agilent HP, Laerdal
F7954	Schiller, Esaote
F7955	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema
F7956	Schiller (Fred Easy)
F7958	CU Medical Systems
F7959	CU Medical Systems, Cmos Drake, Progetti
F7960	Metrax Primedic
F7961	Nihon Kohden
F7962	Marquette GE, Esaote
F7963	Nihon Kohden
F7965	Corpuls
F7967	Schiller
F7970	Laerdal (snap connection)
F7971	Medtronic Physiocontrol (snap connection)
F7972	Marquette GE (snap connection)

Defibrillation Pads

F79XXW - Adult Lead Out series

Adult Lead Out series presents the cable and the terminal connector outside the pouch and it has been intended especially for emergency situations, in order to connect pads to the defibrillator before opening the pouch and save time. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7950W	Philips, Laerdal Medical, Agilent
F7951W	Zoll Medical
F7952W	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7954W	Schiller, Esaote
F7955W	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema
F7956W	Schiller
F7959W	CU Medical Systems, Cmos Drake, Progetti
F7960W	Metrax Primedic
F7961W	Nihon Kohden
F7964W	Weinmann, Cardiaid
F7966W	Defibtech

Defibrillation Pads

F77XX -Adult Radiotransparent Series

Adult Radiotransparent series has been optimized for use in EP labs, haemodynamics, radiographic and angiographic procedures and in emergency rooms. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7750	Philips, Laerdal Medical, Agilent
F7751	Zoll Medical
F7752	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7753	Agilent, Laerdal
F7754	Schiller, Esaote
F7755	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema
F7756	Schiller
F7759	CU Medical Systems, Cmos Drake, Progetti
F7760	Metrax Primedic
F7761	Nihon Kohden
F7762	Marquette GE, Esaote

F77XXW - Adult Radiotransparent Lead Out Series

Adult Radiotransparent Lead Out series presents the cable and the terminal connector outside the pouch and it has been intended especially for emergency situations, in order to connect pads to the defibrillator before opening the pouch and save time. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7750W	Philips, Laerdal Medical, Agilent
F7751W	Zoll Medical
F7752W	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7755W	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema

Defibrillation Pads

F79XXP - Paediatric Standard Series

Paediatric Standard series is intended to be used with patients under 8 years of age and with a body weight included between 11 pounds (5 Kg) and 55 pounds (25 Kg). The defibrillation power should be selected based on patient body weight, as indicated by each defibrillators manufacturer and following the American Heart Association recommendation. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7950P	Philips, Laerdal Medical, Agilent
F7951P	Zoll Medical
F7952P	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7953P	Agilent HP, Laerdal
F7954P	Schiller, Esaote
F7955P	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema
F7956P	Schiller (Fred Easy)
F7958P	CU Medical Systems
F7959P	Cmos Drake
F7961P	Nihon Kohden
F7962P	Marquette GE, Esaote
F7965P	Corpuls
F7967P	Schiller
F7970P	Laerdal (snap connection)
F7972P	Marquette GE (snap connection)

F79XXPL - Paediatric Standard Reduced Energy Series

Paediatric Standard Reduced Energy series is intended to be used with patients under 8 years of age and with a body weight included between 11 pounds (5 Kg) and 55 pounds (25 Kg). The defibrillation power should be selected based on patient body weight, as indicated by each defibrillators manufacturer and following the American Heart Association recommendation. The power reducer allows the direct connection between pads and AED. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7950PL	Philips, Laerdal Medical, Agilent
F7952PL	Medtronic Physio Control
F7958PL	CU Medical Systems
F7959PL	CU Medical Systems, Progetti

F77XXP - Paediatric Radiotransparent Series

Paediatric radiotransparent series is intended to be used with patients under 8 years of age and with a body weight included between 11 pounds (5 Kg) and 55 pounds (25 Kg) and has been optimized for use in EP labs, haemodynamics, radiographic and angiographic procedures and in emergency rooms. The defibrillation power should be selected based on patient body weight, as indicated by each defibrillators manufacturer and following the American Heart Association recommendation. Please open the compatibility list for the complete models range.

Ref	Compatibility
F7750P	Philips, Laerdal Medical, Agilent
F7751P	Zoll Medical
F7752P	Medtronic Physio Control, Osatu Bexen, Cardioline, Mindray
F7753P	Agilent, Laerdal
F7754P	Schiller, Esaote
F7755P	Nihon Kohden, Welch Allyn, Innomed, S&W, Draeger, Artema

Defibrillation Pads

Besides Euro Defi Pads models, some additional pads have been specifically intended for external cardiac stimulation. Please open the compatibility list for the complete models range.

F7951/STIM - External cardiac stimulation pad, for adults, complete with cable and connector

Compatible with the following devices:
- ZOLL Medical Corp Series M (pacer versions only)

F7951P/STIM -External cardiac stimulation pad, paediatric, complete with cable and connector

Compatible with the following devices:
- ZOLL Medical Corp Series M (pacer versions only)

F7955/STIM - External cardiac stimulation pad, for adults, complete with cable and connector

Compatible with the following devices:
- Nihon Khoden TEC- 7731 with cable JC-755V
- Nihon Khoden TEC- 5531 with cable JC-755V
- Innomed CARDIOAID 200B

F7973 - External cardiac stimulation pad, for adults, with snap connection

Compatible with the following devices:
- Medtronic-Physiocontrol cable PHYSIOCONTROL REF. 802905-03